5831 Series Low Energy Swing Door Operator

Q: How does the 5831 Series SDO work without electrical power?

A: The 5831 Series is intended for manual opening applications that occasionally require automatic operation. This applies to a door that gets approximately 80 manual cycles or more per day and is used 25% or less automatically. It has a Regenerative Power System that charges an onboard battery pack with each manual operation which eliminates the need to run electrical wire to the unit.

Q: Has the 5831 Series been proven to save energy?

A: GreenCircle has certified 5831 Series to offer valuable energy savings as compared to similar operators: plug-in version 91% and wireless version 100% energy savings. GreenCircle is a leading, third-party certifier of sustainability claims.

Q: How long will the battery last?

A: Battery life will depend on usage. When used in automatic mode 25% of the time or less, the 5831 Series will self-generate enough power to charge the battery pack for up to 12 years.

Q: When the battery is fully charged, approximately how many automatic cycles will the operator allow?

A: The 5831 Series allows approximately 2000 automatic cycles without manual usage.

Q: What if the application requires constant automatic operation?

A: Simply plug the 5831 Series into a common 240V electrical outlet using our ADA1015T/24V Hardwire Kit option.

Q: What is the maximum door width and door weight for this operator?

A: The maximum door width is 1200mm and door weight is 110kg.

Q: What is the warranty on the 5831 Series low energy operator?

A: This operator has a limited 2-year warranty.

Q: Is the 5831 Series handed?

A: Yes. Push Side supplied as standard
(for Pull Side, a conversion are is required)

Q: What types of devices can control the 5831 Series?

A: The 5831 Series is controlled by radio frequency push buttons. Two RF buttons are shipped standard with every unit. Using a Wireless Interface Module (WIM), the 5831 Series can also interface with wired or wireless push buttons, a wireless remote, an electric lock, fire alarm or access control panel, and an outside push button disable contact.

Q: Does every 5831 Series operator come with a Wireless Interface Module?

A: The Wireless Interface Module (WIM) is a separate part, which can be ordered for use with any 5831 unit using part number ADA1020W.

Q: Will this operator detect an obstruction during the opening cycle?

A: Yes. When an obstruction is detected, the internal motor shuts off allowing the door to close safely.

Q: Can one push button activate two 5831 Series operators in a vestibule or double-door configuration?

A: Yes, this is a simple programming process that can be performed at the time of installation. Up to 8 transmitters can be programmed into each 5831 operator.

Q: What if the button is pressed while the door is locked?

A: The 5831 Series operator is internally protected to prevent damage whenever door travel is restricted.

Q: Does this operator require the use of a stop to limit the travel of the door?

A: No, the 5831 Series does not require the use of an open stop device.

Q: Can the 5831 Series be used externally and exposed to moisture?

A: No, this unit is not intended for external applications.